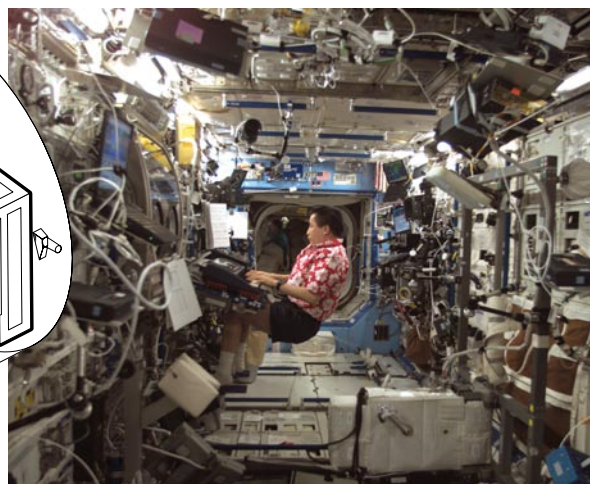
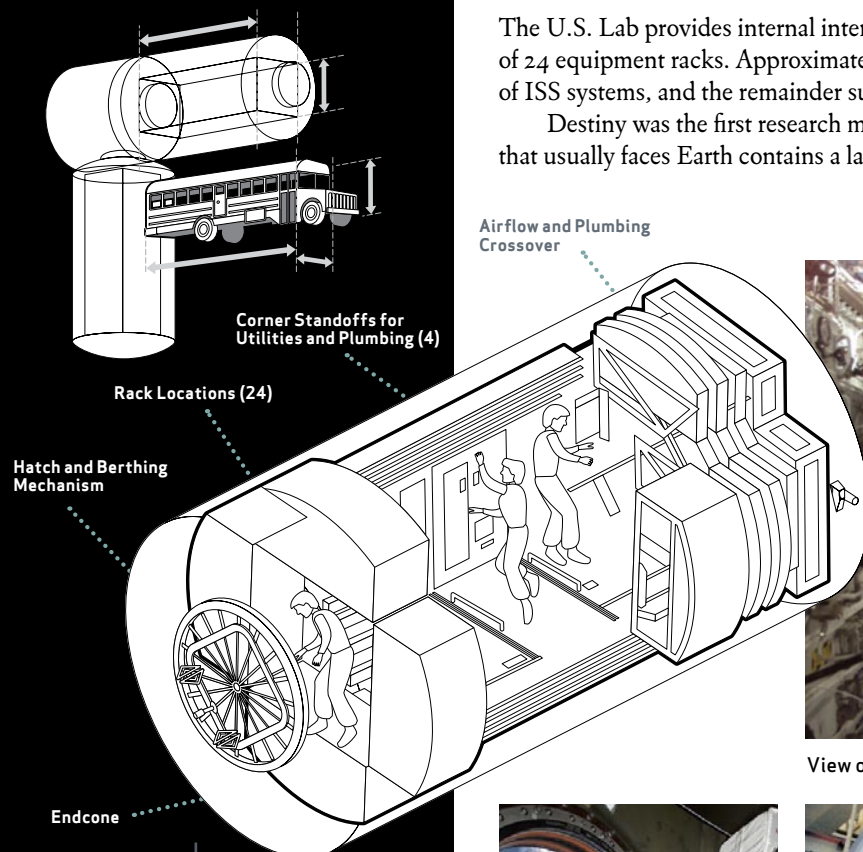
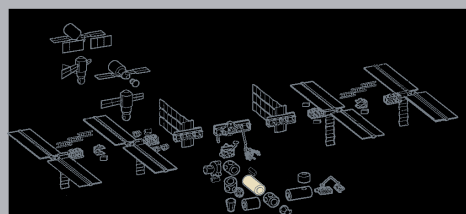


U.S. Laboratory Module (Destiny)

NASA/Boeing

The U.S. Lab provides internal interfaces to accommodate the resource requirements of 24 equipment racks. Approximately half of these are for accommodation and control of ISS systems, and the remainder support scientific research.

Destiny was the first research module installed on the Station. The side of Destiny that usually faces Earth contains a large circular window of very high optical quality.



View of astronaut Ed Lu in the U.S. Lab.

Length	8.5 m (28 ft)
Length with attached Common Berthing Mechanism (CBM)	9.2 m (30.2 ft)
Width	4.3 m diameter (14 ft)
Mass	14,515 kg (32,000 lb) 24,023 kg (52,962 lb) with all racks and outfitting
Exterior	Aluminum, 3 cylindrical sections, 2 endcones
Number of racks	24 (13 scientific and 11 system)
Windows	1, with a diameter of 50.9 cm (20 in)
Launch date	Feb. 7, 2001, assembly flight 5A, STS-98



Astronaut Susan Helms at the 20-inch-diameter circular window.



Module in preparation at Marshall Space Flight Center (MSFC).